

## Lab Report : Estimation of Iron in Hematite Ore

Teacher Name: **Dr. kokatla**

Student Name: \_\_\_\_\_

CATEGORY	Excellent	Good	Average	Below average
<b>Scientific Concepts</b>	Report illustrates an accurate and thorough understanding of scientific concepts underlying the lab.	Report illustrates an accurate understanding of most scientific concepts underlying the lab.	Report illustrates a limited understanding of scientific concepts underlying the lab.	Report illustrates inaccurate understanding of scientific concepts underlying the lab.
<b>Experimental Design</b>	Experimental design is a well-constructed test of the stated hypothesis.	Experimental design is adequate to test the hypothesis, but leaves some unanswered questions.	Experimental design is relevant to the hypothesis, but is not a complete test.	Experimental design is not relevant to the hypothesis.
<b>Data</b>	Good and accurate representation of the data in tables and well titled.	Accurate representation of the data in tables.	Accurate representation of the data in written form, but no tables.	Data are not shown OR are inaccurate.
<b>Calculations</b>	All calculations are shown and the results are correct and labeled appropriately upto 4th decimal.	Some calculations are shown and the results are correct and labeled appropriately.	Some calculations are shown and the results labeled appropriately.	No calculations are shown OR results are inaccurate or mislabeled.
<b>Conclusion</b>	Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment. The accuracy of the result was above 99%.	Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment. The accuracy of the result was between 97-99%.	Conclusion includes what was learned from the experiment. The accuracy of the result was between above 94 to below 97%.	No conclusion was included in the report OR shows little effort and reflection. The accuracy of the result was below 94%.
<b>Appearance/Organization</b>	Lab report is typed and uses headings and subheadings to	Lab report is neatly handwritten and uses headings	Lab report is neatly written or typed, but formatting does	Lab report is handwritten and looks sloppy with cross-outs, multiple

	visually organize the material.	and subheadings to visually organize the material.	not help visually organize the material.	erasures and/or tears and creases.
<b>- Please Choose -</b>	undefined	undefined	undefined	undefined

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